ROBAN Banner Vinyls

Signtuff Blackback **Single Sided Blockout Banners** FLS440BW



SIGNTUFF BLACKBACK is a PVC laminated reinforced blockout banner vinyl with a UV resistant print formulation and a high tensile knitted yarn ideal for long viewed, high resolution single sided images displayed in high strength indoor or outdoor sign & banner applications. A black film layer is provided on the back to restrict the effect which light transmission has on the graphic appearance.



Performance

Premium



Composition: PVC film lam-coated to high tensile knitted polyester yarn

High strength long viewed single sided blockout banners, billboard & Main Applications:

building skins, hoarding graphics & real-estate boards

Most solvent, UV curable digital & screen print systems.

One, wound facing inside of roll

Solvent, UV & Screen

Features: Frontlit, excellent lay-flat & strength, modified print surface, black

back

Benefits: Reliable print & finishing capabilities with durability, strength and

minimal light transmission

Surface Treatment:

Formulation: Anti-static, UV stabilized, Fire Retardant

Store at 22°C 50 ~ 55% RH Storage Conditions:

Shelf Life: 12 months from date of manufacture



Application

· Blockout banners and billboard skins

Manufacturing

• ISO9001



• 440 grams per m² ± 5%

Stock Availability

Sheet Sizes: See Sheet Cutting

Roll Widths (mm): 1370, 1600, 2040, 2500, 3200

Roll Lengths (mtrs):

Log Cutting: Up to 3200mm widths

76mm ID Standard Core:

Sheet Cutting: up to 3200mm x 1830mm







Certifications

• VCA Product Stewardship

Heavy Metal Free

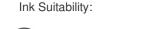
· Compliant, non-toxic

Recyclable

No

Safety Compliance

• Reach, EN-71, RoHs



Printing

Printable Sides:

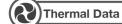
Method:

Basic Physical Data

0.37mm Thickness: Weight: 440gsm

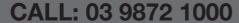
Denier & Density: Denier 1000x1000 - Density (cm) 9 x 9

Gloss Level: High Gloss



Heat Resistance: 70 °C Cold Resistance: -30 °C





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Physical Characteristics

Tearing Strength MD=20KG, CD=15KG **Flame Retardant** NFPA-701 DIN4102-B1

Environmental EN-71, RoHS **Welding Adhesion** 8.0 Kg/5cm **Coating Adhesion** 142.1 N/50mm

Thickness 0.40 mm (15.7 mil) \pm 5% Weight 440 grams per m² \pm 5% Parn / Scrim Denier = 1000x1000 Dtex =

1100x1100

Tensile Strength 239 kg/5cm in MD,216 kg/5cm in CD

Density / **Threads** Per Inch = 9x9 Per cm=4x4

Elongation at MD=25.3% CD=27

Break

Adhesion Strength 8 kgs/50mm in both MD and CD

Surface Tension 42 Dyne/cm3
Surface Finish High Gloss
UV Stabilized Yes

Finishing
,,

Cutting	
Welding	\
Folding	
Gluing	
Eyeletting	\
Stitching	\
Laminating	
Bending	\
Routing	X
Punching	
Drilling	
Screwing	\
V-Grooving	X